8-004.01 ELSINORE - ELSINORE VALLEY

Basin Boundaries

Summary

The Elsinore Valley subbasin underlies a northwest-southeast trending valley in western Riverside County. The Elsinore Valley subbasin is bound on the north by the adjoining Bedford-Coldwater subbasin, which is separated by the jurisdictional boundaries of the Temescal Valley Water District and the Elsinore Valley Municipal Water District. The Elsinore Valley subbasin is bound on the east by consolidated rocks of the Gavilan Plateau and Estelle Mountain and is bound on the south by the Elsinore watershed boundary. The Elsinore Valley subbasin is bound on the west by consolidated rocks of the Elsinore Mountains and the Santa Ana Mountains. The basin boundary is defined by 34 segments detailed in the descriptions below.

Segment Descriptions

Segment Label	Segment Type	Description	Ref
1-2	E Alluvial	Begins from point (1) and follows the contact of Quaternary alluvium with Cretaceous Estelle Mountain volcanics to point (2).	{a}
2-3	I Management Area	Continues from point (2) and follows the jurisdictional boundary separating the Temescal Valley Water District from the Elsinore Valley Municipal Water District to point (3).	{b}
3-4	E Alluvial	Continues from point (3) and generally follows the contact of Quaternary alluvium with Cretaceous volcanic rocks, various Cretaceous plutonic rocks, and various Triassic metasedimentary and metavolcanic rocks to point (4).	{a}
4-5	I Watershed	Continues from point (4) and follows the Elsinore hydrologic subarea boundary to point (5).	{c}
5-6	E Alluvial	Continues from point (5) and generally follows the contact of Quaternary alluvium with Cretaceous Santiago Peak volcanics, various Cretaceous plutonic rocks, Jurassic Bedford Canyon Formation, and Triassic metasedimentary and metavolcanic rocks and ends at point (6).	{a}
6-1	I Management Area	Continues from point (6) and follows the jurisdictional boundary separating the Temescal Valley Water District from the Elsinore Valley Municipal Water District and ends at point (1).	{b}
7-7	E Alluvial	Island within basin boundary: begins from point (7) and follows the contact of Quaternary alluvium with Jurassic Bedford Canyon Formation and ends at point (7).	{a}
8-8	E Alluvial	Island within basin boundary: begins from point (8) and follows the contact of Quaternary alluvium with Cretaceous plutonic rocks and ends at point (8).	{a}
9-9	E Alluvial	Island within basin boundary: begins from point (9) and follows the contact of Quaternary alluvium with Cretaceous plutonic rocks and ends at point (9).	{a}
10-10	E Alluvial	Island within basin boundary: begins from point (10) and follows the contact of Quaternary alluvium or artificial fill with Cretaceous Santiago Peak Volcanics and ends at point (10).	{a}
	E		

11-11	Alluvial	Island within basin boundary: begins from point (11) and follows the contact of Quaternary alluvium or artificial fill with Paleocene Silverado Formation, Cretaceous Santiago Peak Volcanics, and Triassic metasedimentary and metavolcanic rocks and ends at point (11).	{a}
12-12	E Alluvial	Island within basin boundary: begins from point (12) and follows the contact of Quaternary alluvium or artificial fill with Triassic metasedimentary and metavolcanic rocks and ends at point (12).	{d}
13-13	E Alluvial	Island within basin boundary: begins from point (13) and follows the contact of Quaternary alluvium or Pauba Formation with Paleocene Silverado Formation, Cretaceous plutonic rocks and Santiago Peak Volcanics, and Triassic metasedimentary and metavolcanic rocks and ends at point (13).	{a}
14-14	E Alluvial	Island within basin boundary: begins from point (14) and follows the contact of Quaternary alluvium with Cretaceous plutonic rocks and Triassic metasedimentary and metavolcanic rocks and ends at point (14).	{a}
15-15	E Alluvial	Island within basin boundary: begins from point (15) and follows the contact of Quaternary alluvium with Cretaceous plutonic rocks and ends at point (15).	{a}
16-16	E Alluvial	Island within basin boundary: begins from point (16) and follows the contact of Quaternary alluvium or Pauba Formation with Paleocene Silverado Formation, Cretaceous plutonic rocks, and Triassic metasedimentary and metavolcanic rocks and ends at point (16).	{a}
17-17	E Alluvial	Island within basin boundary: begins from point (17) and follows the contact of Quaternary alluvium or Pauba Formation with Cretaceous plutonic rocks (17).	{a}
18-18	E Alluvial	Island within basin boundary: begins from point (18) and follows the contact of Quaternary alluvium with Triassic metasedimentary and metavolcanic rocks and ends at point (18).	{a}
19-19	E Alluvial	Island within basin boundary: begins from point (19) and follows the contact of Quaternary alluvium or Pauba Formation with Paleocene Silverado Formation and ends at point (19).	{a}
20-20	E Alluvial	Island within basin boundary: begins from point (20) and follows the contact of Pleistocene Pauba Formation with Paleocene Silverado Formation and ends at point (20).	{a}
21-21	E Alluvial	Island within basin boundary: begins from point (21) and follows the contact of Quaternary alluvium with Cretaceous plutonic rocks, Estelle Mountain volcanic rocks, and Mesozoic sedimentary rocks and ends at point (21).	{a}
22-22	E Alluvial	Island within basin boundary: begins from point (22) and follows the contact of Quaternary alluvium with Paleocene Silverado Formation and ends at point (22).	{a}
23-23	E Alluvial	Island within basin boundary: begins from point (23) and follows the contact of Quaternary alluvium or Pauba Formation with Cretaceous plutonic rocks and Triassic metasedimentary and metavolcanic rocks and ends at point (23).	{a}
24-24	E Alluvial	Island within basin boundary: begins from point (24) and follows the contact of Quaternary alluvium with various Cretaceous plutonic rocks and Triassic	{a}

		metasedimentary and metavolcanic rocks and ends at point (24).	
25-25	E Alluvial	Island within basin boundary: begins from point (25) and follows the contact of Quaternary alluvium with Cretaceous plutonic rocks and Triassic metasedimentary rocks and ends at point (25).	{a}
26-26	E Alluvial	Island within basin boundary: begins from point (26) and follows the contact of Quaternary alluvium with Cretaceous plutonic rocks and ends at point (26).	{a}
27-27	E Alluvial	Island within basin boundary: begins from point (27) and follows the contact of Quaternary alluvium with Cretaceous plutonic rocks and Triassic metasedimentary rocks and ends at point (27).	{a}
28-28	E Alluvial	Island within basin boundary: begins from point (28) and follows the contact of Quaternary alluvium with Cretaceous plutonic rocks and ends at point (28).	{a}
29-29	E Alluvial	Island within basin boundary: begins from point (29) and follows the contact of Quaternary alluvium with Cretaceous plutonic rocks and ends at point (29).	{a}
30-30	E Alluvial	Island within basin boundary: begins from point (30) and follows the contact of Quaternary alluvium with Cretaceous Paloma Valley Ring Complex and ends at point (30).	{a}
31-31	E Alluvial	Island within basin boundary: begins from point (31) and follows the contact of Quaternary alluvium with Cretaceous Paloma Valley Ring Complex and ends at point (31).	{a}
32-32	E Alluvial	Island within basin boundary: begins from point (32) and follows the contact of Quaternary alluvium with Cretaceous Paloma Valley Ring Complex and ends at point (32).	{a}
33-33	E Alluvial	Island within basin boundary: begins from point (33) and follows the contact of Quaternary alluvium with Jurassic Bedford Canyon Formation and ends at point (33).	{a}
34-34	E Alluvial	Island within basin boundary: begins from point (34) and follows the contact of Quaternary alluvium with Jurassic Bedford Canyon Formation and ends at point (34).	{a}

Significant Coordinates

Point	Latitude	Longitude
1	33.749834798	-117.450456486
2	33.757619077	-117.450701841
3	33.758400757	-117.450700384
4	33.621974535	-117.27239668
5	33.608830551	-117.305272533
6	33.742171922	-117.45081152
7	33.72614146	-117.44161366
8	33.728268405	-117.440163597
9	33.727082726	-117.438163649
10	33.728307583	-117.407725328
11	33.730273408	-117.40371968
12	33.725047469	-117.393714839
13	33.730787698	-117.390329905
14	33.710164898	-117.403046903
15	33.707971411	-117.397338912
16	33.712831458	-117.383491263
17	33.698375611	-117.385720096
18	33.708072617	-117.358337533
19	33.702336808	-117.364347678
20	33.700247751	-117.365479672
21	33.715142021	-117.336497336
22	33.699022485	-117.335581389
23	33.687716954	-117.360341854
24	33.678477326	-117.339382672
25	33.671564764	-117.319626504
26	33.674868745	-117.304178173
27	33.670630637	-117.308327133
28	33.636684475	-117.350448578
29	33.640617648	-117.274520683
30	33.629774158	-117.266958759

31	33.629789499	-117.264010226	
32	33.629626963	-117.257678597	
33	33.734927786	-117.444309535	
34	33.728506888	-117.445969163	

Map

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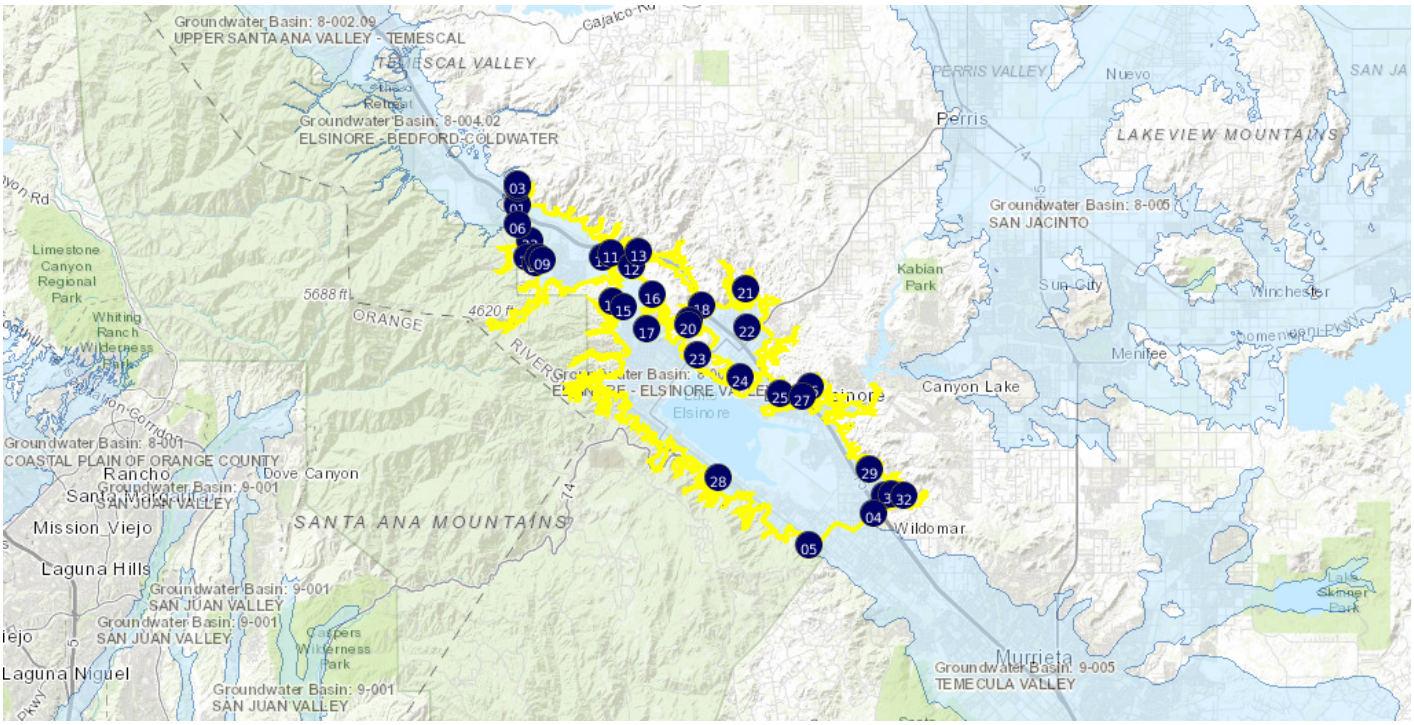

https://sgma.water.ca.gov/webgis/?appid=160718113212&subbasinid=8-004.01

References

Ref	Citation	Pub Date	Global ID
{a}	California Geological Survey (CGS), Geologic Compilation of Quaternary Surficial Deposits in Southern California, T.L. Bedrossian, P. Roffers, C.A. Hayhurst, J.T. Lancaster, and W.R. Short.URL: http://www.conservation.ca.gov/cgs/fwgp/Pages/sr217.aspx	2012	50
{b}	California Department of Water Resources (DWR), Water Agencies Dataset.URL: https://gis.water.ca.gov/app/bbat/	2016	48
{c}	United States Geological Survey (USGS), National Hydrography Dataset, Watershed Boundary Dataset for California, note: Coordinated effort among the United States Department of Agriculture-Natural Resources Conservation Service (USDA-NRCS), the United States Geological Survey (USGS), and the Environmental Protection Agency (EPA).URL: http://datagateway.nrcs.usda.gov	2016	49
{d}	United States Geological Survey (USGS), Geologic map of the San Bernardino and Santa Ana 30' x 60' quadrangles, California, 1:100,000, D.M. Morton and F.K. Miller.URL: http://pubs.usgs.gov/of/2006/1217/	2006	69

Footnotes

- I: Internal
- E: External